

**Joint District Materials / Research Engineer's and
District Construction Engineer's Meeting**

September 10, 2014

8:00 AM – 10:00 AM

Turnpike Headquarters

Summary Notes

New/Recurring Business:

1) Introductions, Opening Remarks, and Agenda Overview (Tim Ruelke and David Sadler)

Introductions will be made recognizing those in attendance. An overview of the meeting agenda will be provided.

Summary Notes: Opening remarks were given and Introductions were made recognizing those present as listed below:

D1: Jon Sands, Bill Jones, Sam Joseph, Sue Zheng, Mark Peronto

D2: Carrie Stanbridge, Howie Moseley, Jesse Sutton, Scott Lent

D3: Steve Potter, Steve Benak, Frank Kreis

D4: Carolyn Gish, Mayur Patel, Jesus Caballero, Francis Lewis

D5: John Tyler, Amy Scales, Mo Hassan, Jennifer Smith, John Hatfield, Jeremy Wolcott

D6: Mark Croft, Mario Cabrera,

D7: Megan Arasteh

TP: Pete Nissen, Bill Sears, Ken Morgan

CO: Tom Byron, David Sadler, Tim Ruelke, Rudy Powell, Jim Musselman, Amy Tootle, Susan Blazo, Alan Autry, Calvin Johnson, Paul Martin

2) HR CPR Update (Tom Byron)

Summary Notes: Tom provided an update on HRCPR. Comments were made discussing: working titles, class codes, equity analysis, additional guidance needed, duties, responsibilities, consistency/inconsistency in direction, etc. Discussed changes in Administration Assistant working titles and agreement between Construction, Materials, and Maintenance on these working titles. It was noted that Traffic Operations needs to be involved in this agreement as well. Continue working on the effort to improve the process. Department heads requested access to internal HR database to be able to perform their own assessment. Polled districts related to CPR issues with HR as attempting to fill positions.

3) Sampling at Paver Research and Alternative Approach (John Tyler)

SMO to provide an update on sampling at paver research and the alternative approach at last year's HFTT (pay based on stat comparison of QC and IV).

Summary Notes: Jim Musselman provided an update on this effort. Comments discussed were: update on NCAT research, pilot project selection, process specific elements, literature review of current nation-wide practice, industry feedback/pushback, and other alternatives being proposed (F and t analysis between VT and QC). The group discussed creating a developmental specification to use on future pilot projects (John Tyler will work with Rich Hewitt to create the developmental specification). Notes from Jim Musselman are below:

F & t Analysis:

- No VT staffing at plant*
- Contractor controls random numbers; samples & tests - basically 1/500 tons*
- One big running lot. Running CPF calculated every test result*
- Independent samples taken and tested at plant – randomly.*
- Running F & t analysis comparison – compares QC and V based on P-8, P-200, Pb, Va & Density*
- Excel spreadsheet handles the calculation*
- If everything compares, pay on QC. If not V.*
- Final pay adjustment made at the completion of the project*
- OGFC (FC-5) has to be separate*
- Three “shadow” projects completed to date D-2, 5, 6*

4) District 5 Demonstration of Computer Based Videos (John Tyler)

District 5 demonstration of CBVs to supplement training of CEI Inspectors for Hybrid projects.

Summary Notes: John Tyler/John Hatfield presented a proposed effort underway in D5 to deliver training to staff (both internal and consultant). Discussed SCO's current efforts related to a similar initiative. Discussed SCO is exploring effort of converting CPAM to more a “Wikipedia” like model that will include videos of different operations done on construction projects. D5 has developed four training videos addressing the following topics:

- [Inspector / Project Administrator compliance](#)*
- [Addressing Asphalt Segregated Areas](#)*
- [Precast Prestress Guidance](#)*
- [What M&R Can Do For You](#)*

Meeting participants were asked to review these videos and provide feedback to D5.

5) Future of Nuclear Radiation Safety Training (John Tyler)

John to discuss the future of nuclear safety training for FDOT employees.

Summary Notes: John Tyler discussed a proposal related the future of the nuclear safety training process i.e. possible CBT or video based training related to proper handling of nuclear density devices. Discussed email from DCTA's related to this training. It was noted that the Departments increased effort of outsourcing has resulted in changes in need. SMO will take the lead on developing this training. Internal staff will not need the radiation safety certification since they do not operate the nuclear devices but they do need to understand "proximity" concerns.

6) Geotextile and Filter Fabric Certification Requirements (Tim Ruelke)

Concern of timely and properly submitted filter fabric certification samples. CEI Training and overall education of certification requirements. Routinely, filter fabric is being placed prior to any sample being taken and sent to SMO. There are repeated instances across the state where the samples are arriving after the work is completed and the incorrect fabric type has been used; thereby, causing the particular fabric to not meet the specification requirements in the standard index.

The intention is to obtain the sample and get it to SMO in enough time to react to an incorrect application usage.

SMO has indicated that an educational campaign would be forthcoming to assist Construction offices across the state.

Summary Notes: Tim Ruelke discussed issues related to timely and proper certification of geotextile and filter fabric certifications and samples. SMO asked DCE's to raise awareness of this issue so as to improve upon current timing of these fabric samples. Howie Moseley updated the group on their efforts to improve this process. Districts were polled to assess how wide-spread this issue is statewide.

7) Contractor Quality Control Plan (Rudy Powell)

Summary Notes: Rudy Powell provided an update on the Contractor Quality Control Plan and future of this program as it relates to the implementation of MAC. Project specific QC information will be input directly into MAC. SCO is moving forward with proposed changes to this process which has been discussed at previous joint meetings. Concerns were raised over elimination of current requirements but FDOT has very few examples where a contractor's project QC Plan has been pulled, producer plans have been pulled with

regularity. It was noted that specification updates will be necessary as a result of this effort.

8) Disposition of Defective Materials (Rudy Powell)

Processing of DDM's for defects not related to acceptance.

Summary Notes: Rudy Powell discussed a proposal to no longer process DDM's for specific instances of defective materials (i.e plastic properties of concrete, etc.). It was noted that the MAC system will automate (or at least include an electronic notification system) this process. Districts requested that the MAC system allow for flexibility related to the review and delegation of specific approval levels. It was noted that any automated process will follow the DDM form processing requirements with no changes made.

WALK-ON ITEMS:

1) FDOT Specifications Update Webinar (Rudy Powell)

Update the audience on the January 2015 eBook and Workbook for all lettings starting January 2015

Reserve your Webinar seat now at:

<https://www2.gotomeeting.com/register/292590634>

Date: Wednesday, September 17, 2014

Time: 9:00 AM – 11:00 AM EDT

Summary Notes: Rudy Powell highlighted this future training opportunity. A notice of this training was sent out via the Contact Mailer on 09/10/2014.

2) Proprietary Nature of Mix Design (Tim Ruelke)

Summary Notes: The group discussed concerns raised by Industry related to the inclusion of proprietary information as part of mix design submittals and whether or not that information could be disclosed as a result of a records request. OGC noted that Statutes specifically exclude from disclosure this type of information.

3) SMO Specification Update Webinar (Tim Ruelke)

Summary Notes: SMO solicited feedback from this recent training. It was suggested that SMO send an inquiry to the training attendees requesting such feedback.

4) Windrow Paving and Belly Dump Trucks (Jim Musselman)

Summary Notes: The group discussed a recent pilot project where these methods were used to place asphalt. It was noted that current specifications would need to be modified to address temperature concerns, weather events, layer bonding concerns, and other issues related to performance.

5) Request to put RFI's in PSEE (David Sadler)

Summary Notes: It was noted that the several Construction Offices were recently asked to input all project related RFI's into PSEE. SCO indicated that there is no expectation for this to occur, rather an RFI feature could be worked into updates to existing or future systems. Districts were polled to assess whether or not the Materials Office have received similar requests. The expectation is that PSEE should pull data from existing or proposed systems..